

S2 Table. Primer sequences for site-directed mutagenesis of BbFNT and codon-optimized PfFNT; the mutating codon is highlighted.

Mutation	Primer
BbFNT_S93G_fw	ACC GAC CTA GTC ACA GGC AAT TGT ATG AAC TTT
BbFNT_S93G_rev	TGT GAC TAG GTC GGT ACC AGT GAA TAC GAT
PfFNT_G107S_fw	TCG GAT TTG TTT ACC AGT AAT ACA CTA GCG GTC
PfFNT_G107A_fw	TCG GAT TTG TTT ACC GCT AAT ACA CTA GCG GTC
PfFNT_G107C_fw	TCG GAT TTG TTT ACC TGT AAT ACA CTA GCG GTC
PfFNT_G107V_fw	TCG GAT TTG TTT ACC GTT AAT ACA CTA GCG GTC
PfFNT_G107X_rev	GGT AAA CAA ATC CGA ACC GGT ACA GAT GAT